

Special Issue

Operations Research Using Fuzzy Sets Theory

Message from the Guest Editor

Operations research is a discipline that helps decision-makers to make better decisions. These better decisions often include maximizing the profit, yield or performance, or minimizing the cost, loss or risk. In this case, the advanced analytical methods arising from mathematical analysis play an important role. Creating suitable mathematical models that are heavily based on the data becomes a very important beginning step. When the data in mathematical models involves imprecision or fuzziness, fuzzy set theory will be helpful to tackle the so-called fuzzy mathematical models. This Special Issue focuses on using the techniques in fuzzy set theory to solve the mathematical models that arise from operations research and that are accompanied by fuzzy data.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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